

Dale Haines Operations Manager Union Oil Company of California 3800 Centerpoint Drive Suite 100 Anchorage, AK 99503 Tel 907 263 7951 Fax 907 263 7693 Email daleah@chevron.com

June 15, 2011

Mr. Chae Park
U.S. Environmental Protection Agency
Region 10, Water Compliance Section
1200 Sixth Avenue, OW-133
Seattle, WA 98101

SCANNED RECEIVED

SEO 1/20 JUN 20 2011

DEC Division of Water Quality Wastewater Discharge Program

RETURN RECEIPT REQUESTED - CERTIFIED MAIL 91 7108 2133 3938 6048 6330

Re:

NPDES Permit No. AKG-31-5002

Trading Bay Production Facility May 2011 Discharge Monitoring Reports (DMR)

Dear Mr. Park:

Union Oil Company of California ("Union") operates the Trading Bay Production Facility that discharges regulated effluents in Cook Inlet, Alaska under NPDES Permit No. AKG-31-5002. Pursuant to condition VI.B of the Permit, Union Oil Company of California is hereby submitting the May 2011 NPDES Discharge Monitoring Reports (DMRs) for the Trading Bay Production Facility.

Please take note that Union is using the forms provided by EPA with corrections to accommodate the reporting that is required by the permit. The corrections were approved by your Data Steward in an e-mail to Marilu Moreno-Jones dated September 3, 2010. Union plans to use this same format for future DMR submittals.

Consistent with the authorization in your e-mail of September 16, 2010, this letter certifies all of the 5 pages of DMRs for Trading Bay Production Facility attached to this letter.

If you have any questions, please direct them to Ms. Marilu Moreno-Jones at 907-263-7305 or via e-mail at mmjones@chevron.com.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Best regards,

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Dale Haines

CC:

ADEC / Certified Mail 91 7108 2133 3938 6048 6347

Mr. Chae Park US Environmental Protection Agency June 15, 2011 Page 2

bcc: Susan Saupe, CIRCAC

Facility Operations Supervisors
HES 2011 NPDES DMR – TBPF File
HES 2011 NPDES DMR – REGIONAL File

Form Approved OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: UNION OIL COMPANY OF CALIFORNIA (UNOCAL)

ADDRESS: P.O. BOX 196247

ANCHORAGE, AK 99519-6247

FACILITY: TRADING BAY TREATMENT FACILITY

LOCATION: COOK INLET, Alaska

ATTN: JOHN ZAGER, GENERAL MANAGER

AKG315002 PERMIT NUMBER

FROM

015-A DISCHARGE NUMBER

MONITORING PERIOD MM/DD/YYYY MM/DD/YYYY 05/01/2011 05/31/2011 то

DMR Mailing ZIP CODE: 99519

MINOR (SUBR 02)

PRODUCED WATER AND SAND

External Outfall

No Discharge

PARAMETER		QUAN	TITY OR LOADIN	G		QUALITY OR CON	ICENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	EX		TYPE
pH	SAMPLE MEASUREMENT	*****	*****	*****	NA	****	NA	NA	NA	NA	NA
00400 V 0 See Comments	PERMIT REQUIREMENT	•••••	*****	*****	6 MINIMUM	*****	9 MAXIMUM	SU		Monthly	GRAB
pH	SAMPLE MEASUREMENT	*****	*****	*****	6.9	*****	7.3	SU	0	Weekly	GRAB
00400 W 0 See Comments	PERMIT REQUIREMENT	******	*****	1 *****	6 MINIMUM	*****	9 MAXIMUM	SU		Weekly	GRAB
Oil and grease	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA NA	NA	NA	NA	NA
03582 T 0 See Comments	PERMIT REQUIREMENT	******	*****	******	******	29 MO AVG	42 DAILY MX	mg/L		Weekly	GRAB
Oil and grease	SAMPLE MEASUREMENT	*****	*****	*****	*****	23	33	mg/L	0	Weekly	COMP24
03582 U 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	*****	29 MO AVG	42 DAILY MX	mg/L		Weekly	COMP24
Flow, in conduit or thru treatment plant*	SAMPLE MEASUREMENT	3.329714	3.627330	Mgal/d	*****	*****	*****	*****	NA	Monthly	ESTIMA
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	*****	*****		Monthly	ESTIMA
Produced water, free oil	SAMPLE MEASUREMENT	*****	NA	NA NA	*****	*****	*****	*****	NA	NA NA	NA NA
79834 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	Req. Mon. MO TOTAL	occur/mo	*****	*****	*****	*****		Daily	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or				
John Zager, General Manager	supervision accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons		TEL	LEPHONE	DATE
Mid Continent/Alaska Business Unit	directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false		(907)	276-7600	06/15/2011
TYPED OR PRINTED	information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER			00/13/2011
COMMENTS AND EXPLANATION OF ANY VIOLATIONS	(Reference all attachments here)	OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

NO DISCHARGE OF PRODUCED SAND IS ALLOWED

T = GRAB SAMPLE

U = COMPOSIT SAMPLE

V = DISCHARGE < 1 MGD (PREVIOUS MONTHS AVG RATE) W = DISCHARGE > 1 MGD (PREVIOUS MONTH'S AVG RATE) * Flow rates include deck drainage from Dolly Varden, Grayling, King Salmon, Monopod, and Steelhead Platforms.

Estimated workover fluid flow rate: 0.055742 mgd

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PARAMETER		QUAN	TITY OR LOADIN	G	1	QUALITY OR CON	ICENTRATION		NO.	FREQUENCY OF ANALYSIS	SAMPLE
•••		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	EX	OF AIRACTOR	TYPE
Nitrogen, ammonia total (as N)	SAMPLE MEASUREMENT	*****	*****	******	*****	No Sample	No Sample	mg/L	NA	Quarterly	GRAB
00610 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	******	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Quarterly	lists.
Silver total recoverable 01079 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	******	10	10	ug/L	0	Monthly	GRAB
	PERMIT REQUIREMENT	******	*****	*****	*****	23 MO AVG	47	ug/L	•	Monthly	GRAB GRAB
Silver total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	******	NA NA	DAILY MX NA	NA NA	NA	NA	
01079 P 0 See Comments	PERMIT REQUIREMENT	******	*****	*****	*****	23	47	ug/L			NA ON OTE
Silver total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	MO AVG NA	DAILY MX	NA NA	NA	Quarterly	CALCTD
01079 Q 0 See Comments	PERMIT REQUIREMENT		*****	*****	*****	23	47	ug/L	NA	NA	NA
Zinc, total recoverable	SAMPLE MEASUREMENT	*****	*****	******	*****	MO AVG	DAILY MX			Weekly	GRAB
01094 1 0 Effluent Gross	PERMIT REQUIREMENT	••••	******	******	******	0.9	1.9	mg/L mg/L	0	Monthly	GRAB
inc, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	MO AVG	DAILY MX			Monthly	GRAB
1094 P 0 See Comments	PERMIT REQUIREMENT	*****	•••••	*****	*****	0.9	NA 1.9	NA mg/L	NA	NA	NA
inc, total recoverable	SAMPLE	*****	*****			MO AVG	DAILY MX	,,,g,L		Monthly	GRAB
1094 Q 0 ee Comments	MEASUREMENT PERMIT	*****	*****	*****	*****	NA 0.9	NA 1.9	NA matt	NA	NA	NA
CC Comments	REQUIREMENT					MO AVG	DAILY MX	mg/L		Quarterly	GRAB

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John Zager, General Manager	information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information who manage the system, or those persons the manage the system.		TELEPHONE		DATE	
TYPED OR PRINTED	information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER	(907) 276-7600		06/15/2011	
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PARAMETER	<u> </u>	QUANT	TITY OR LOADING	G		QUALITY OR CO	NCENTRATION		NO.	FREQUENCY OF ANALYSIS	SAMPLE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	EX		TYPE
Copper, total recoverable	SAMPLE MEASUREMENT	*****	*****	******		3	3	ug/L	0	Monthly	GRAB
01119 1 0 Effluent Gross	PERMIT REQUIREMENT	•	******	*****	*****	47 MO AVG	117	ug/L		Monthly	GRAB
Copper, total recoverable	SAMPLE MEASUREMENT	•••••	*****	*****	•••••	NA NA	DAILY MX NA	NA NA	NA	NA	
01119 P 0 See Comments	PERMIT REQUIREMENT	******	*****	*****	*****	47	117	ug/L			NA
Copper, total recoverable	SAMPLE MEASUREMENT	******	*****	*****	******	MO AVG	DAILY MX	NA NA		Quarterly	GRAB
01119 Q 0 See Comments	PERMIT REQUIREMENT	******	*****	*****	*****	47	117	NA ug/L	NA	NA	NA
Manganese, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	MO AVG	DAILY MX			Weekly	GRAB
11123 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	25	50	mg/L mg/L	0	Monthly	GRAB
Manganese, total recoverable	SAMPLE MEASUREMENT	*****	•••••	*****	*****	MO AVG	DAILY MX			Monthly	GRAB
11123 P 0 See Comments	PERMIT	•••••	******	*****	*****	NA 25	NA 50	NA mg/L	NA	NA	NA
Manganese, total recoverable	SAMPLE					MO AVG	DAILY MX	mg/L		Quarterly	GRAB
11123 Q 0	MEASUREMENT PERMIT	******	*****	*****	*****	NA 25	NA 50	NA	NA	NA	NA
See Comments Total Aromatic Hydrocarbons	REQUIREMENT SAMPLE					MO AVG	50 DAILY MX	mg/L		Weekly	GRAB
39942 1 0	MEASUREMENT PERMIT	******	*****	*****	*****	7	7	mg/L	0	Monthly	GRAB
Effluent Gross	REQUIREMENT			*****	*****	18 MO AVG	27 DAILY MX	mg/L		Monthly	GRAB

John Zager, General Manager	information submitted. Based on my inquiry of the person or persons who manage the system. or those persons the circuit responsible for eathering the information submitted.		TEL	EPHONE	DATE
TYPED OR PRINTED	information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER	(907)	276-7600	06/15/2011
MMENTS AND EXPLANATION OF ANY VIOLATIONS	(Reference all attachments here)	OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

0 7 1

P=MONT. REDUCE (II.G.6.a.1.)
Q=MONT INCREASE (II.G.6.a.2.)
R=ACCELERATED TESTING (III.A.7)

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MONITORING PERIOD MM/DD/YYYY

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PARAMETER		QUAN	TITY OR LOADING	G		QUALITY OR COI	NCENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	EX		TYPE
Total Aromatic Hydrocarbons	SAMPLE MEASUREMENT	*****	•••••	*****	*****	NA NA	NA NA	NA NA	NA	NA	NA NA
39942 P 0 See Comments	PERMIT REQUIREMENT	*****	******	******	*****	18 MO AVG	27	mg/L		Quarterly	GRAB
Total Aromatic Hydrocarbons 39942 Q 0 See Comments Total Agueous Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	•••••	NA NA	DAILY MX NA	NA NA	NA	NA	NA
	PERMIT REQUIREMENT	••••	*****	*****	******	18 MO AVG	27	mg/L		Weekly	GRAB
Total Aqueous Hydrocarbons	SAMPLE MEASUREMENT	******	*****	*****	*****	8	DAILY MX	mg/L	0	Monthly	GRAB
60259 1 0 Effluent Gross	PERMIT REQUIREMENT	•••••	*****	*****	******	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Monthly	GRAB
Total Aqueous Hydrocarbons	SAMPLE MEASUREMENT	******	*****	*****	*****	NA NA	NA NA	NA NA	NA	NA	NA NA
50259 P 0 Effluent Gross	PERMIT REQUIREMENT	•••••	*****	*****	******	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Quarterly	GRAB
Total Aqueous Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA NA	NA NA	NA NA	NA	NA	
50259 Q 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	**************************************	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L			NA .
Mercury, total (as Hq)	SAMPLE MEASUREMENT	•••••	*****	*****	*****	0.2	0.2	ug/L	0	Weekly	GRAB
71900 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	0.6	1.0	ug/L	•	Monthly	GRAB
Mercury, total (as Hg)	SAMPLE MEASUREMENT	*****	*****	*****	*****	MO AVG NA	DAILY MX NA	NA		Monthly	GRAB
71900 P 0 See Comments	PERMIT REQUIREMENT	******	*****	*****	*****	0.6 MO AVG	1.0 DAILY MX	NA ug/L	NA	NA Quarterly	NA GRAB

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John Zager, General Manager	information submitted. Based on my inquiry of the person or person who was a state of the person of		TEL	EPHONE	DATE
Mid Continent/Alaska Business Unit	belief, true, accurate, and complete. I am aware that there are significant accurate, and complete. I am aware that there are significant accurate.		(907)	276-7600	06/15/2011
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COMMENTS AND EXPLANATION OF ANY VIOLATIONS	(Reference all attachments here)	OTTAG THORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	EX	or Allere Tolo	TYPE
Mercury, total (as Hg)	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA NA	NA NA	NA NA	NA	NA NA	NA NA
71900 Q 0 See Comments	PERMIT REQUIREMENT	*****	••••	*****	*****	0.6	1.0	ug/L		Weekly	GRAB
Toxicity, Chronic Strongylocentrotus purpuratus	SAMPLE MEASUREMENT	*****	*****	*****	******	MO AVG	DAILY MX	TUc	0	Annual	W. S. Service
TT000 1 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	******	283	568	toxic	•		GRAB
Toxicity, Chronic Menidia beryllina TT000 1 0 See Comments Toxicity, Chronic Mytilus galloprovincialis	SAMPLE MEASUREMENT	*****	*****	*****	*****	MO AVG**	DAILY MX**	TUc	0	See Permit	GRAB
	PERMIT REQUIREMENT	•••••	*****	*****	******	283	568	toxic	-	Semiannual	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****	MO AVG**	DAILY MX**	TUc	_	See Permit	GRAB
TT000 1 0 See Comments	PERMIT REQUIREMENT	•••••	*****	*****	*****	283	568	toxic	0	Annual	GRAB
Toxicity, Chronic	SAMPLE MEASUREMENT	*****	*****	*****	*****	MO AVG**	DAILY MX**			See Permit	GRAB
T000 R 0 See Comments	PERMIT REQUIREMENT	*****	•••••• ••••••••	******	•	283	568	NA toxic	NA	NA	NA
oxicity, Chronic	SAMPLE MEASUREMENT	*****	*****	*****	*****	MO AVG	DAILY MX			See Permit	GRAB
T000 Q 0 iffluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	283 MO AVG	NA 568	NA toxic	NA	NA	NA

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Mid Continue and Manager	supervision accordance with a system designed to assure that qualified personal property gather and evaluate the information unbunified. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and helief types where		TEI	EPHONE	DATE
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**Section II.F.4 of the permit. P=MONT. REDUCE (II.G.6.a.1.) Q=MONT INCREASE (II.G.6.a.2.) R=ACCELERATED TESTING (III.A.7)

*Annual WET sampling began in April 2011, but finished the first week of May 2011. Therefore it is being reported on the May 2011 DMR.

***Reduced monitoring to two times per year due to compliance as per II.G.6.a.1 of Permit